Thunder Tiger

DUCATI DESMOSEDICI

FM-1e ELECTRIC POWERED
RADIO CONTROL MOTORBIKE

1/5 DUCATI DESMOSEDICI R/C EP MOTORBIKE
1:5 DUCATI 電動摩托車

THE DUCATI DESMOSEDICI is an Official Product Under License of Ducati Corse S.r.l.

NO.6528-F072

⚠ This radio control model car is not a toy! Before beginning assembly, please read this manual thoroughly.
本產品為高性能模型非一般玩具，組裝與操作前請詳閱本產品說明書。

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本套件所附之零件可能跟圖示有所差異。因產品後續之設計研發或功能不斷改善之原因，我們將保留產品規格變更權利，不再另行通知使用者。

Instruction Manual 操作說明書

WARRANTY 品質保證事項

Thunder Tiger Corporation guarantees this model kit to be free from defects in both material and workmanship. The total monetary value under warranty will in no case exceed the cost of the original kit purchased. This warranty does not cover any components damaged by use or modification. Part or parts missing from this kit must be reported within 60 days of purchase. No part or parts will be sent under warranty without proof of purchase. To receive part or parts under warranty, the service center must receive a proof of purchase and/or the defective part or parts. Should you find a defective or missing part, contact the authorized Thunder Tiger Service/Distributor nearest you. Under no circumstances can a dealer or distributor accept return of a kit if assembly has started.

本公司對於製造過程中產生之瑕疵，負完全品質保證責任。
保證事項僅限於產品本身與隨產品所附之零配件。
品質保證不包含下列事項：
因使用、組裝或調整本產品所發生之損壞。
其他所有非產品本身品質所造成之損壞。

DUCATI
DESMOSEDICI

INTRODUTION 前言

Thank you for your purchase of this Thunder Tiger product. You should enjoy many hours of fun and excitement from this advanced R/C model. Thunder Tiger strives to bring you the highest level of quality and service we can provide. We race and test our cars around the world to bring you state-of-the-art products.
We offer on-line help on our www.thundertiger.com forum and our product specialists are ready to take your call if you have any technical questions. Please read all instructions and familiarize yourself with the systems and controls of this model before running. Have fun and enjoy the exciting world of R/C!

感謝您購買雷虎科技產品。雷虎科技以提供最高品質的產品及服務作為持續努力的目標。藉由參與競賽及重覆測試產品，不斷累積經驗，進而提昇設計及製造品質，期望能呈現給您最頂級之工藝產品。本使用說明書包含了操作本產品前所需注意的重要事項，建議您在開始準備及操作本產品之前，能詳閱此說明書，並熟悉本產品之操控系統。若是您在產品的操作及使用上有任何的疑問，歡迎多加利用我們所提供的24小時諮詢留言版或洽詢雷虎科技授權經銷商。雷虎科技的全球英文網址為www.thundertiger.com，我們將竭誠為您服務！

CAUTION 注意事項

Thanks you for purchasing a Thunder Tiger product. **Please read all instructions thoroughly before operation.**

1. This product is not a toy. It is a high performance model product. It is important to familiarize yourself with the model, its manual, and its construction before assembly or operation. Children's operating under the supervision of an adult is necessary.
2. Always keep this instruction manual ready at hand for your assembling and operating reference, even after completing the assembly.
3. Do not operate model products in rain, on public roads, near crowds, near airport, or near areas with restricted radio operation.
4. This product, its parts, and its construction tools can be harmful to your health. Always exercise extreme caution when assembling and/or operating this product. Do not touch any part of model that rotates.
5. Check your radio frequency with the proper operating frequency of the area or country. Always check if there are any modelers operating on the same frequency as you are. Also, check your radio for proper operation before operating a model.
6. Use an adequate charger for the batteries and follow the instruction correctly.
7. Right after use, do not touch equipment on the model because they may generate high temperatures!
8. Do not stall the motor. The ESC may fail if power is applied to the motor when car cannot move freely.
9. By the act of assembling or operating this product, the user accepts all resulting liability. If the buyer is not prepared to accept this liability, then he/she should return this product in new, unassembled, and unused condition to the place of purchase.

WARNING: To avoid a possible fire hazard, ALWAYS unplug the battery after use. Do NOT leave your vehicle unattended with the battery plugged in.

感謝您購買雷虎科技產品，在您開始操作本產品前，請詳閱本產品說明書。

1. 本產品為高性能模型產品非一般玩具，組裝與操作過程皆須由成人陪同。請詳讀此本使用說明書，避免因組裝錯誤與操作不當造成損壞。
2. 請妥善保管此說明書，對於後續維修、操控說明將可提供您協助。
3. 請勿於雨天、公衆空間、道路、機場附近與其他限制遙控模型活動區域，操控本項產品。
4. 此項產品具有相當之危險性，於組裝、調整、操控上的不熟悉都可能造成自身或他人的傷害，當發生這些傷害事件時，製造商是可以免除責任的，建議您於初次使用本產品前，先行請教具有相當程度經驗同好或是專業雷虎經銷商與模型專賣店。
5. 請您確認您所在地區對於頻率規定之相關法規，來選用適當的頻率，避免與其他同好使用相同頻率造成失控事件。
6. 請使用合格之電池充電器並遵循說明書之使用規範，以免發生危險。
7. 車輛操作後，請小心誤觸碰到會產生高溫之零件部分，以避免燙傷。
8. 車輛作動時，請勿以異物強制停止馬達(輪胎)以避免電子速控器超出承載負荷而失效。
9. 如使用者對於產品品質或操作組裝上所須負擔之風險有任何疑慮，請勿開封組裝或進行操作本產品，並將產品退回原購買地點。

警告！為避免因電線短路等因素而引起之可能災害，請務必於操作本產品後，將電池接頭拔除以避免可能發生之危險！請勿在電池接頭未經拔除前，就將產品儲藏於無法留意之處。

INDEX 索引

INTRODUCTION 前言 ⏩1
CAUTION 注意事項 ⏩1
ITEMS REQUIRED FOR OPERATION 周邊配件 ⏩2
CHARGING THE BATTERY PACK 電池包充電 ⏩3
PREPARING THE CHASSIS 操作前，車體準備 ⏩3
INSTALLING THE SIDE GUARD WIRE 安裝防傾桿 ⏩4
RADIO BATTERY INSTALLATION 遙控器電池安裝 ⏩4
The ACE RC Cougar PS3 2.4GHz Radio System
熟悉2.4GHz電控系統與速控器及馬達安裝 ⏩5
BINDING PROCESS 安全校頻配對 ⏩7
RADIO OPERATION 遙控器操作 ⏩8
OPERATING RADIO STEERING FUNCTION 遙控器設定－轉向 ⏩8
ADJUSTING ELECTRIC SPEED CONTROLLER 速控器調整 ⏩9
OPERATION TIPS 操控基本動作 ⏩10
MAINTENANCE AFTER RUNNING 車體保養 ⏩10
TROUBLESHOOTING 常見問題與解決辦法 ⏩11

ITEMS REQUIRED FOR OPERATION 周邊配件

RTR CONTENTS 完成車輛配備

ACE RC Cougar PS3
3-Channel digital 2.4G pistol radio system with Standard Servo.
3動作發射機、接收機及伺服機

Hex Wrench Set, 1.5mm / 2.0mm / 2.5mm / 3.0mm
六角扳手, 1.5mm / 2.0mm / 2.5mm / 3.0mm

4-Way Wrench
4向六角螺帽套筒板手

ACE RC electric speed control
車用馬達速控器

540 Motor
540馬達

EQUIPMENT NEEDED 需求配件

（Not included in the kit 不包含在此套件內）

AA Alkaline dry batteries
8 pieces for transmitter
發射機用電池

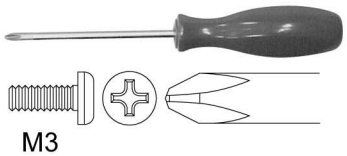
7.2V Compatible Power Charger
(AC/DC Charger)
7.2V充電器

AT6116 US PLUG
AT6117 EU PLUG
AT6118 UK PLUG

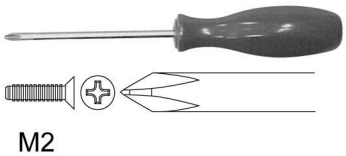
7.2V Battery Pack
7.2V 充電電池條

2937 IB Ni-MH Batter Pack, 7.2V/IB2400
2941 IB Ni-MH Batter Pack, 7.2V/IB3600

TOOLS NEEDED 需求工具



M3

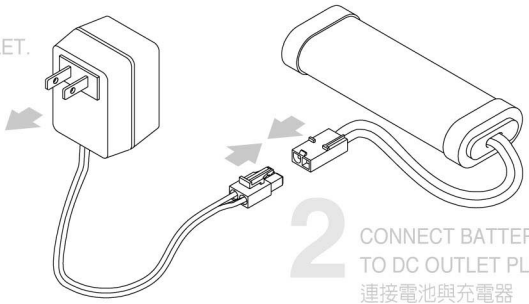


M2

Philips Screwdriver
十字起子

1 CHARGING THE BATTERY PACK 電池包充電

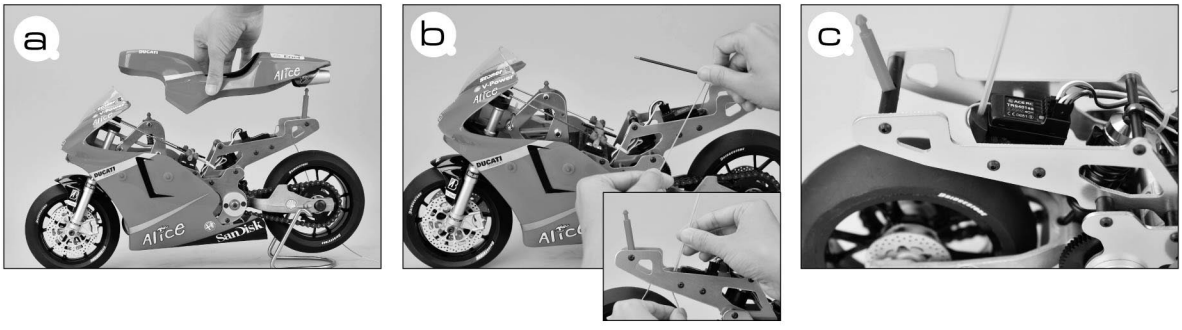
(Battery and Charger are not included in the kit. **本產品不含電池及充電器**)


1 PLUG INTO AC OUTLET.
插入AC插座
3 AFTER CHARGE TIME EXPIRES, DISCONNECT BATTERY PLUG FROM CHARGER PLUG.
充飽電池後，將電池與充電器接頭分離
2 CONNECT BATTERY PLUG TO DC OUTLET PLUG FROM CHARGER.
連接電池與充電器

a. Once the battery is ready to be charged, first plug the AC quick-charger into the AC power source outlet, and then connect the battery input/output harness to the charger.
b. Always monitor the battery during charging. As soon as the battery is fully charged, disconnect the battery from the charger plug (over-charging or charging incorrectly using inadequate chargers may cause the battery pack to become dangerously hot).
c. Ensure the battery pack is completely discharged prior to charging. Discharge the battery pack by either running the electric motor until it slows down or use a discharger (not included).
d. For best results, let the battery pack cool before charging. Heat may prevent the battery pack from charging to full capacity and also decreases the performance of the battery.

a. 準備充電時，首先將充電器之插頭插入電源插座，再連接電池之充/放電接頭。
b. 充電過程中請注意電池之充電情況。電池充電完成將電池與充電器接頭分開。
(電池過充或是不適當之充電，將可能導致電池產生危險之過熱情況，如電池溫度超過攝氏45度，需立即停止充電。)
c. 電池充電前，最好先確認電池是否已經完全放電。倘若尚未放電完全，可將車子加速直到馬達轉速變慢或使用專業放電器放電(另購)。
d. 為得到最佳之充電效果，電池使用完畢請勿馬上進行充電，充電前請先確認電池溫度已下降再行充電，以延長電池壽命及電池性能。

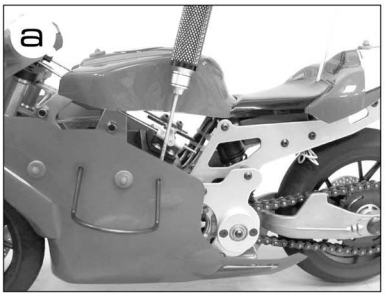
2 PREPARING THE CHASSIS 操作前，車體準備

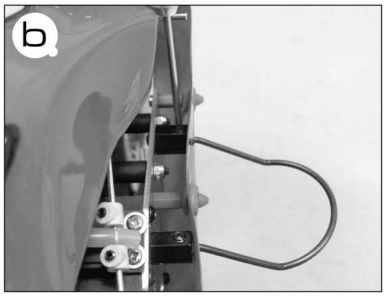


a. Remove the tank/seat and rider from the chassis.
b. Straighten antenna with a screwdriver so it is easier to insert into antenna tube.
c. Slide the antenna wire through the antenna pipe. (Do not cut or shorten antenna wire!) Push the antenna pipe into the chassis mount hole.

a. 將車殼/人像從車體上取下。
b. 利用螺絲起子將接收機天線桿直，以方便將天線穿套進天線管內。
c. 將天線套管安裝於底板固定孔上(請勿裁短天線以免影響接收距離)。

3 INSTALLING THE SIDE GUARD WIRE 安裝防傾桿

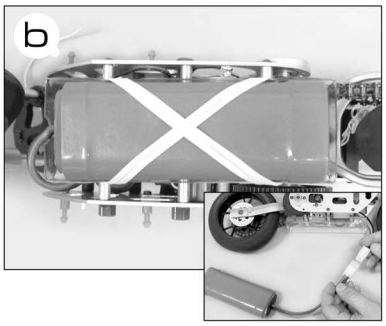




a. Use a hexagon driver to loosen the mount screws on the side of the body frames.
b. Install the supplied side guard wire onto the mount.

a. 使用六角起子將車體側邊的防傾桿固定座螺帽鬆開。
b. 將車側防傾桿安裝於固定座上並鎖上螺帽固定。

4 RADIO BATTERY INSTALLATION 遙控器電池安裝



a. Install 8 AA-size alkaline batteries into transmitter.
b. Secure the power pack (stick type battery pack shown in the picture) into the battery tray with supplied rubber band and connect the battery to the ESC.

Caution: Check all the wirings and connections before you connect the speed control to a drive battery. Incorrect polarity will damage your speed control.

a. 安裝發射機電池或電池包。
b. 將開關座固定於接收機旁(如圖示)。將模型專用7.2V條狀充電電池裝入電池座上並以橡皮筋固定電池，之後電池條開關與速控器。

注意！如使用自行焊接之充電電池請注意電池與速控器接線之正負極位置（反裝電極將造成電池短路或速控器之損壞）。

5 The ACE RC Cougar PS3 2.4GHz Radio System
熟悉2.4GHz電控系統與速控器及馬達安裝

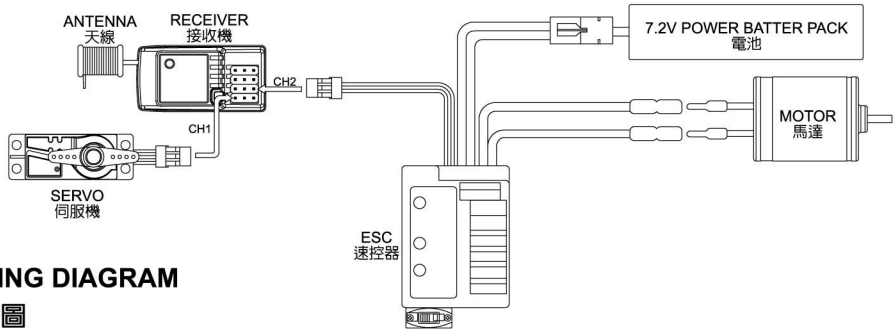
1. Transmitter Antenna 發射機天線
2. Battery Level Indicator 發射機電源顯示燈
3. HI/LO Throttle ATV (Adjustable Travel Volume) 高、低速油門行程調整鈕
4. Servo reversing switches 正逆轉設定裝置
5. Steering Trim 轉向微調鈕
6. Throttle Trim 油門微調鈕
7. Steering D/R (Dual Rates) 轉向大小動調整鈕
8. AUX Ch Button 第三動開關
9. External Charging Jack 充電孔
10. 2.4GHz TX RF Module and binding SW 發射模組及校頻配對設定鈕
11. Steering Wheel 轉向舵輪
12. Power Switch 電源開關
13. Throttle Trigger 油門控制板機
14. Steering Tension Adjustment 轉向舵輪調整螺絲
15. Battery Cover 電池蓋

TRANSMITTER CONTROLS

1. **Transmitter Antenna:** Straighten up the antenna before operating the model.
2. **Battery Level Indicator:** Three LEDs indicate the battery voltage level. If the Red LED flashes, please replace the batteries.
3. **HI/LO Throttle ATV (Adjustable Travel Volume):** Allows you to independently preset the maximum travel of the throttle servo either side (high / low) of neutral.
4. **Servo reversing switches:** To reverse the servo's rotation direction at the flip of the switch. The reversing switches are recessed into the transmitter to prevent accidental operation.
5. **Steering Trim:** To adjust the steering in small increments or decrements to run the model straight.
6. **Throttle Trim:** To adjust the throttle in small increments or decrements and shift neutral position.
7. **Steering D/R (Dual Rates):** Push this lever left or right to adjust the amount of the steering dual rate. Right to increase dual rate amount, and left to decrease amount.
8. **AUX Ch Button:** Additional function for controlling of the model.
9. **External Charging Jack:** For rechargeable NiCd/NiMH battery pack (transmitter pack only).
10. **2.4GHz TX Module and binding SW:** The Binding SW button is located on the 2.4GHz TX module unit. For additional information, please refer to the “Binding” setting procedure (Page 7).
11. **Steering Wheel:** To control the steering of the model.
12. **Power Switch:** Slide to turn the transmitter on & off.
13. **Throttle Trigger:** pull or push to control forward, reverse & speed of the model.
14. **Steering Tension Adjustment:** Use a Phillip type screwdriver to tighten or loosen the tension of the steering wheel.
15. **Battery Cover:** Slide cover to install or remove batteries.

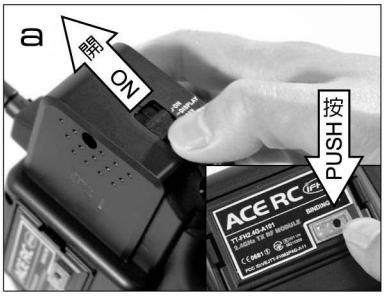
發射機各部功能簡介

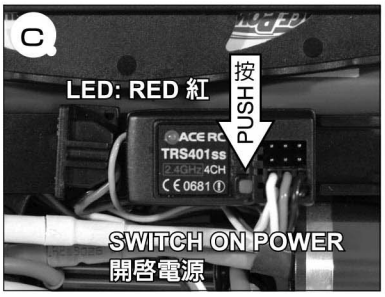
1. **發射機天線**：使用發射機時，一定要將天線安裝於發射機上。
2. **發射機電源顯示燈**：三顆LED設計顯示發射機電池殘量，若紅色LED燈閃爍時，請更換發射機電池。
3. **高、低速油門行程調整鈕**：獨立調整高、低速油門行程量功能。
4. **正逆轉設定裝置**：位於發射機背面（如圖示），控制伺服機作動方向。
5. **轉向微調鈕**：利用此旋鈕，調整設定轉向正確中立點位置。
6. **油門微調鈕**：利用此旋鈕，調整設定油門正確中立點位置。
7. **轉向大小動調整鈕**：調整轉向伺服機的行程量。
8. **第三動開關**：第三動功能開關鈕
9. **充電孔**：使用充電式電池時，可利用此充電孔，進行充電工作。
10. **2.4GHz 發射模組及校頻配對設定鈕**：發射機背面為2.4GHz發射模組。模組上之BINDING SW校頻配對設定鈕為配對發射/接收頻率之用。更多功能設定方式請參考說明書第7頁“校頻配對步驟”。
11. **轉向舵輪**：控制車輛轉向裝置
12. **電源開關**：發射機電源開關
13. **油門控制板機**：控制車輛前進或後退的裝置
14. **轉向舵輪調整螺絲**：使用小型十字起子調整此調整螺絲來改變轉向舵輪旋轉鬆緊度。
15. **電池蓋**



MODEL WIRING DIAGRAM
電控系統連結圖

6 BINDING PROCESS 安全校頻配對





A binding feature is included in the ACE RC Cougar 2.4GHz spread spectrum system to ensure the transmitter and receiver bind properly and prevent interference from other controllers. With the Ready-To-Run package, full binding procedure has been completed at the factory prior to shipping. To manually bind Tx/Rx, please proceed as per the following:

a. Press and hold the “Binding SW button on the back side of the transmitter while turning on the transmitter.
b. Release the “Binding SW* button after the green LED flashes indicating the transmitter is binding.
c. Press and hold the bind button on the receiver while turning on the receiver. Binding process will then start automatically.
d. Successful binding is confirmed by the blinking LED turning to solid on the transmitter. The LED on the receiver turns greens. Once binding is complete, the system automatically connects.

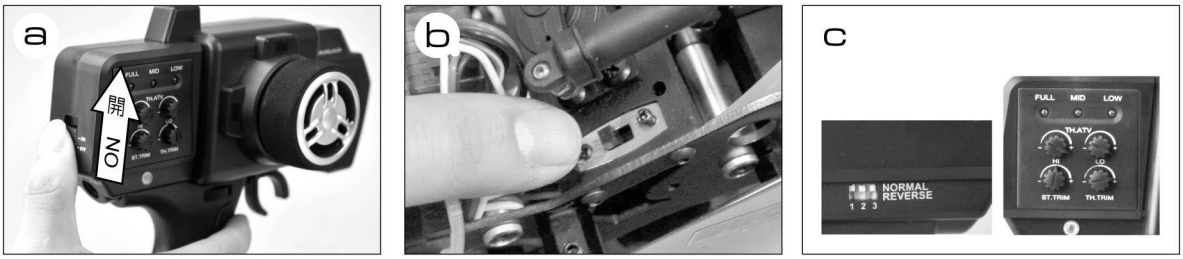
NOTE: Binding process may take 3~10 seconds to execute. If binding fails, the LED on the receiver will turn red. Please turn off the power and repeat steps a~d.

ACE RC Cougar PS3 採用最先進的專用3動2.4GHz無限展頻遙控系統。這個系統結合發射與接收可以互動溝通模式，跳動式頻道搜尋，使得整體無線遙控系統的傳輸展現精準穩定的特性同時也無須擔心頻率干擾的問題。本完成車搭配預先校頻配對好之遙控系統，無須再調整即可進行操作。如發現無法操控情形發生，需要重新校頻配對，請依照下列步驟重新進行校頻配對程序：

a. 打開發射機電源時，同時持續按壓發射機背面之 "Binding SW" 按鈕。
b. 直到按鈕旁之LED綠燈快速閃爍，再放開 "Binding SW" 按鈕，表示發射機正在進行自動搜尋校頻，此時請不要關閉發射機電源。
c. 然後按壓接收機上之 "Binding SW" 按鈕並同時開啓接收機電源，此時接收機將自動進行校頻配對程序。
d. 一旦完成配對程序，發射機LED燈號會從綠色快速閃爍轉換成持續綠色燈號，接收機LED燈號將從紅色轉換為綠色並持續慢速閃爍。此時表示接收機與發射機已完成配對溝通，可以進行操控。

注意：遙控系統校頻配對可能需要3~10秒執行程序。如果程序執行錯誤，發射及接收模組的LED燈號將持續呈現紅色。請關閉電源再依a~d的順序重新操作配對程序。

7 RADIO OPERATION 遙控器操作



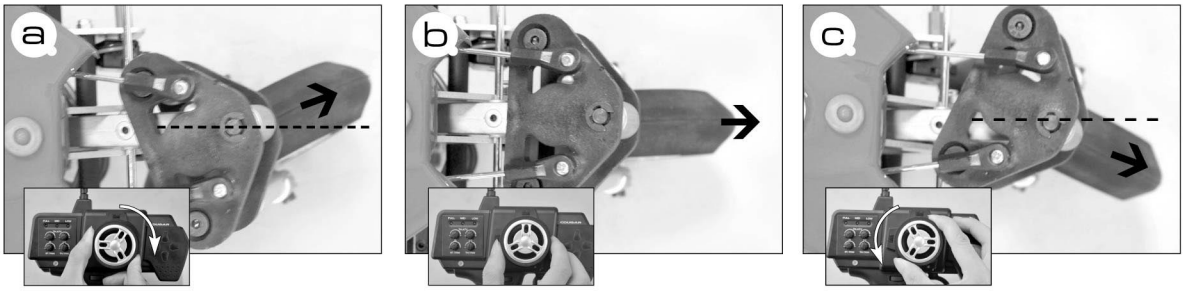
a. When turning your system on, ALWAYS turn on the transmitter FIRST.
b. Then, turn on the receiver. When turning off, ALWAYS turn the receiver off FIRST, then the transmitter off.
c. To reverse the functions of servos, use the small, white servo reverse switches located on the back of the pistol transmitter. To trim the servos on pistol transmitter, use the trim switches on side of the steering wheel (the ST. trims steering, and the TH trims throttle/brake).

Caution! : Do not run flat the battery on your transmitter as you may lose control of the car. For additional details, please check the transmitter instruction manual.

a. 先開啓發射機電源。
b. 接著開啓接收機電源。電源的關閉則是相反的順序，先關接收機電源，再關發射機電源。
c. 伺服機的正逆轉開關，槍型發射機在後側。

注意！操作前請先確認電池處於充飽電之狀態，以免發生失控之狀況。其他注意事項請參考發射機說明書。

8 OPERATING RADIO STEERING FUNCTION 遙控器設定－轉向

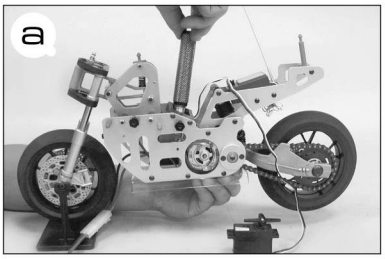


How to steer a motorcycle?
To properly steer a motorbike or turn a motorbike around a bend, counter-steering is the first skill you have to learn about. **Counter-steering means turning the handle bars in the opposite direction of the turn in the bend.** For example: in a right hand bend, turn the handle bar to the left and in a left hand bend, turn the handle bar to the right. Counter-steering causes the bike to turn. Perform the following procedure first:

a. Flip the steering servo reverse switch (see 7c). With the radio transmitter and receiver on, turn the steering wheel to the right. The front tire/wheel should turn left oppositely. The body leans towards the right side, the chassis follows, leaning to the same side. If not, flip the steering servo reverse switch again.
b. Return the steering wheel to neutral. The front tire/wheel should point straight forward.
c. Turn the steering wheel to the left. The front tire/wheel should turn right oppositely.

由於摩托車的特殊反打轉向特性，請依照下面步驟確認轉向機構之調整及操控
a. 確認轉向功能。打開發射機及接收機電源，方向轉右邊時，輪胎將朝向左邊，若方向不一致，請調整方向的正逆轉開關。
b. 方向舵回中立點時，前輪應筆直向前，若有偏差，請調整方向舵微調旋鈕。
c. 方向舵轉向左邊時，前輪應轉向右邊。

9 ADJUSTING ELECTRIC SPEED CONTROLLER
速控器調整



Before operating your model, you must set the electric speed controller to either NEUTRAL or HIGH SPEED position prior to running the motor.

a. Neutral Setting

1. Ensure the motor is disconnected, or ensure that the wheels are free to rotate.
2. Connect the wire to the battery pack
3. Turn on the transmitter, and then switch on the electric speed controller.
4. Set up the throttle on the transmitter (trigger) to the neutral position and the throttle trim knob/lever to the middle.
5. Find the supplied tuning wand in the package or a small screwdriver.
6. Insert the wand into the adjustment hole on the electric speed controller, and slowly adjust the "Neutral" screw (potentiometer) on the unit until the green led indicator goes out. Then the motor should stop at the neutral point.

b. High Speed Setting

1. Make sure the motor is disconnected or ensure that the wheels are free to rotate.
2. Pull the throttle on the transmitter (trigger) to the full position.
3. Then adjust the H.S. "High Speed" (potentiometer) screw to **the "High Speed" position as recommended for your transmitter,** the led indicator turns into solid red.
4. You may adjust the throttle travel to customize the best control to meet your requirement by tuning the "High Speed" position.

CONGRATULATIONS!

Your electric speed control is now properly set-up. Reattach the motor cord, you are now ready to run.

- Remember this! The transmitter is always the **FIRST TO BE TURNED ON** and **THE LAST TO BE TURNED OFF**.
- If you make a mistake during the set-up procedure, don't worry: disconnect the battery for about 10 seconds and start again from the first step.

操作前請先確認一下你遙控車的前進/停止是否正常？如果發現有異常的現象發生，請重新設定速控器的中立點及高速位置。

a. 中立點調整

1. 請先確認馬達之電源線是處於拔除的狀態或是將車子放置於輪胎可懸空的平台上。
2. 連接電源線。
3. 打開發射機，再開啓速控器。
4. 保持發射機油門扳機位置及油門微調鈕都在中立點位置。
5. 使用調整棒或小號之螺絲起子調整。
6. 調整速控器上“set-up” 設定之旋鈕，慢慢的調整到中立點，直旋鈕旁之LED狀態燈閃爍“綠燈”消失，此表示速控器已進入中立點位置。

b. 高速點調整

1. 請先確認馬達之電源線是處於拔除的狀態或是將車子放置於輪胎可懸空的平台上。
2. 將油門板機扳動至全油門狀態並且暫時按住不放。
3. 使用調整棒或小號之螺絲起子調整。
4. 調整速控器上“set-up”設定之旋鈕，慢慢的調整速控器的高速位置，此時旋鈕旁之LED狀態燈亮“紅燈”，此表示速控器已進入高速點調整位置。你可藉由調整速控器高速點之位置來控制油門之行程以獲得最佳動力與電源消耗曲線。

恭喜你

你的速控器已被重新設定完成，重新接上馬達電源線，接下來便可進行車輛之操控。 請注意！為避免失控暴衝，須先開啓發射機電源再接著開啓速控器電源。關閉時則順序相反。當設定速控器時若需要重新開始，只要把電源接頭拔除約10秒鐘即可重新記憶。

10 OPERATION TIPS 操控基本動作

Stop (Neutral)
停止 (中立點)

Brake
煞車

Acceleration
加速

a. Hold the transmitter with one hand, finger on throttle,
b. With the other hand lightly hold the bike upright. And then give it a throttle while you push the bike a little. The bike goes away in a straight line. Then reach for the steering control and the fun begins!
c. When cornering, slow down the speed to make the tight turn easier.
d. If the bike falls due to loss of balance, the side guard wire will support and prevent the body from scraping.
e. To resume the bike's run, give it a little more throttle throw and help the bike back to balanced running (note: Technical maneuver, do not give too much throttle to avoid spinning.)

a. 首先單手握持你的車子，並使之後輪離開地面。另一隻手握持發射機，負責操控油門。
b. 將前後輪放置在地上，一開始先給予約1/3的油門幫助車子平衡地緩慢前進。先測試前進操作是否正常，如果一切操作正常你可以漸漸加大油門並嘗試轉向。
c. 轉彎時，減速將有助於入彎，待出彎後再補油門加速。
d. 假使車子發生翻覆或傾倒狀況請勿驚慌！車側之防傾桿將會保護車身免於刮傷。
e. 重新再起跑時，只需再把車子扶正然後加速即可！
(注意：一開始急加速將導致車身自旋或再度翻覆。)

11 MAINTENANCE AFTER RUNNING 車體保養

a. Always turn off the radio system and disconnect the battery pack when the motorbike is not used.
b. Remove sand, mud and dirt before storing the motorbike.
c. Never use chemicals or any solvents to clean the chassis as it may cause damage to the electronics components and plastic parts. Use compressed air, soft paintbrush, or toothbrush to clean dust and dirt.

a. 結束操控儲存車體前，請謹記要關閉電源，並將電池接頭拔除，以免電池短路造成不必要之危險。
b. 清潔車體上所沾附之沙塵、泥屑。
c. 請勿使用化學清潔劑來清洗底板，以免遙控之電子設備受潮、電線、焊點及塑膠件被侵蝕而導致不必要之損壞。 清潔車體時，請儘量使用強力之壓縮空氣，搭配軟毛刷來請清理車體上所沾附之沙塵、泥屑。

If you have trouble starting or keeping your car running, here's a quick checklist of what to look for first.
如果您的車子在行駛上有問題，您可以參考下表的說明。如果問題無法解決，請與原購買經銷商聯絡。

TROUBLESHOOTING 常見問題與解決辦法

Description 問題敘述	**Cause** 原因	**Solution** 解決方式
Motorbike dies or slows 車不動或速度變慢	Speed control over heats 速控器過熱	Let it cool and try later 先冷卻，稍後再試
Motorbike is glitching 車故障	Motorbike has a problem on power 車子的動力有問題	Check for loose wires, dead radio batteries. 檢查電線是否脫落或遺失
Motor overheats 馬達過熱	Gear mesh is too tight 馬達驅動齒輪太緊	Let motor cool and check recommended gearing for motor type. Reset gear mesh 先讓馬達冷卻，再重新調整合適的齒隙
No power 失去電力	1. Battery is discharged 2. Battery not plugged in 1. 電池沒充電 2. 電池沒接好	1. Charge battery 2. Plug battery in 1. 將電池充電 2. 將電池接頭確實連接遙控車
No throttle 失去動力	1. Motor not plugged in 2. Motor failure 3. Motor keeps running 1. 馬達連接線沒接好 2. 馬達損壞 3. 未扣引發射機油門，馬達卻持續轉動	1. Plug motor in 2. Replace motor 3. Check if the throttle trim is in neutral position. 1. 確實接上紅、黑端之馬達電源傳輸線（紅對紅、黑對黑） 2. 置換新馬達 3. 檢查是否油門微調不在中立點的置
No steering 失去控制	1. Servo not plugged in 2. Locked up steering linkage 3. Servo failure 1. 轉向伺服機未安裝好 2. 轉向裝置卡死 3. 伺服機失靈	1. Plug servo into ESC unit 2. Free up steering linkage 3. Replace servo 1. 將連接電線接上速控器 2. 排除可能的干涉（卡）的零件部 3. 置換新伺服機
Reversing 後退功能	Goes backwards when you pull the trigger or goes right when turning the wheel left 扣引放開發射機油門板機，車子卻後退前進或是發射機方向轉輪之轉向跟車子轉向左右相反	Check throttle / steering reversing switches on transmitter 檢查發射機上之油門轉向的反轉開關是否反轉？